FIG. 1(a)

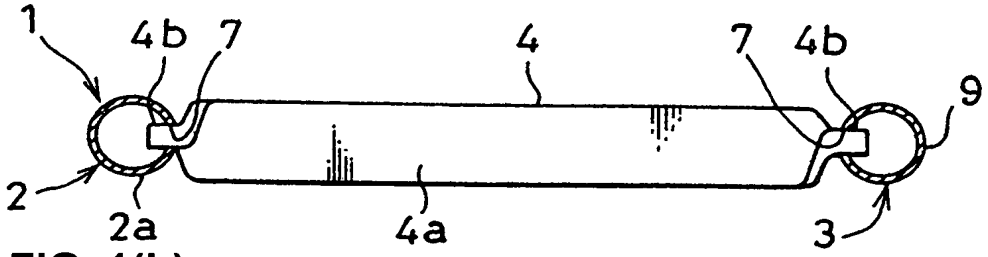


FIG. 1(b)

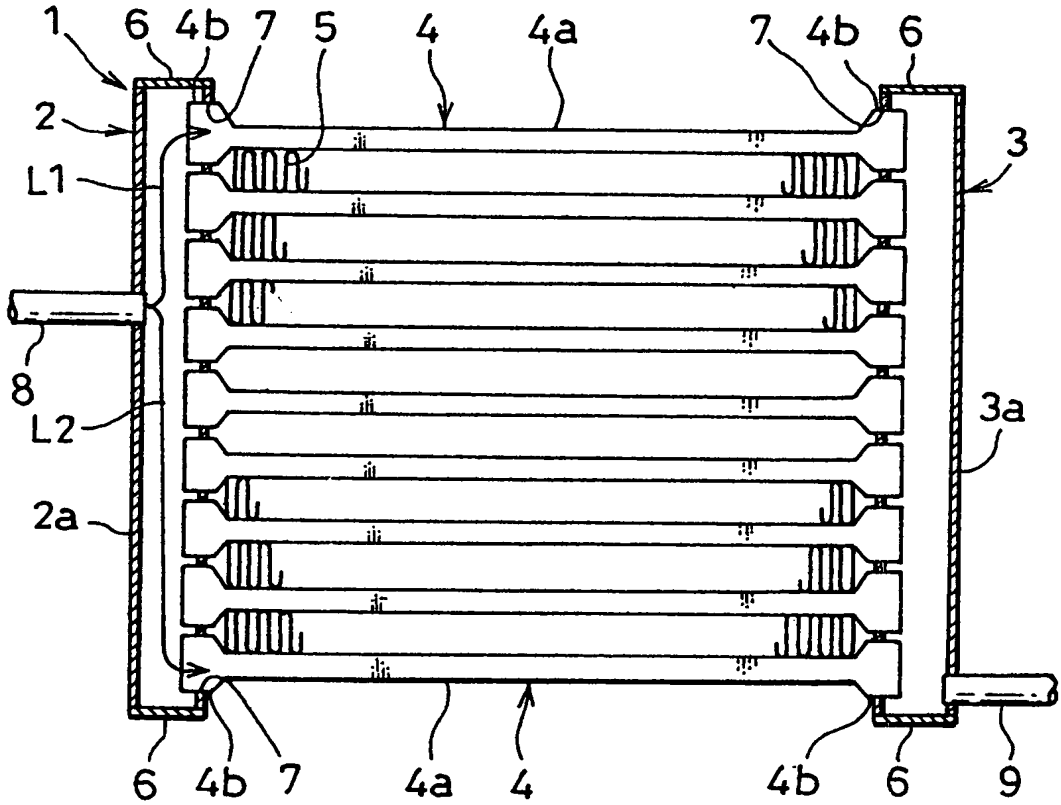


FIG. 2

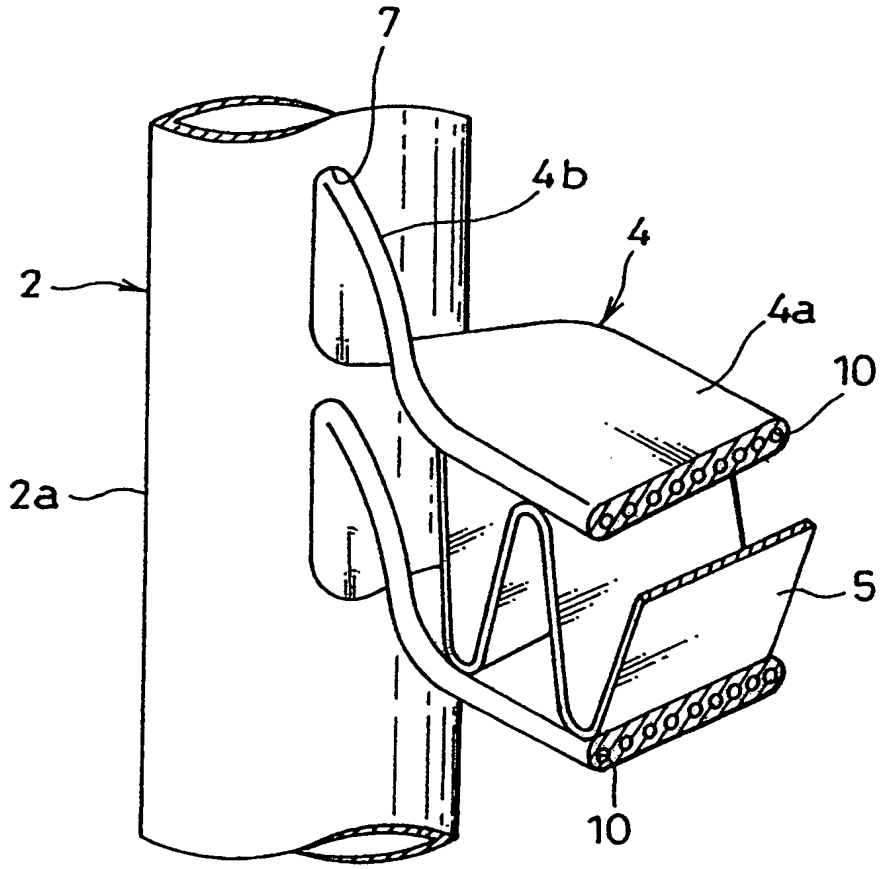


FIG. 3

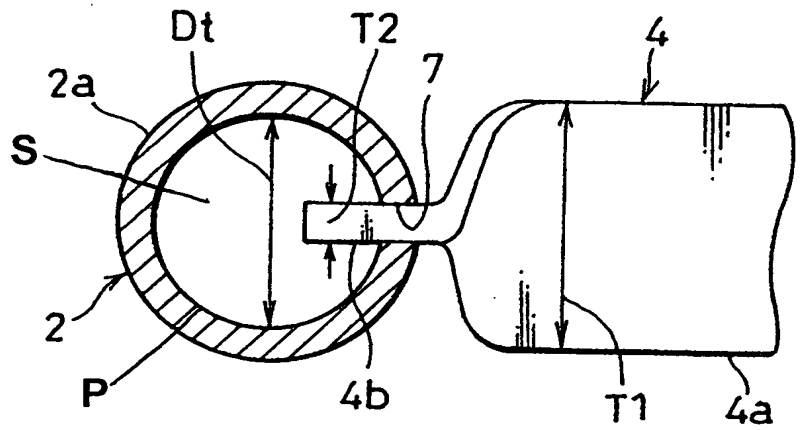
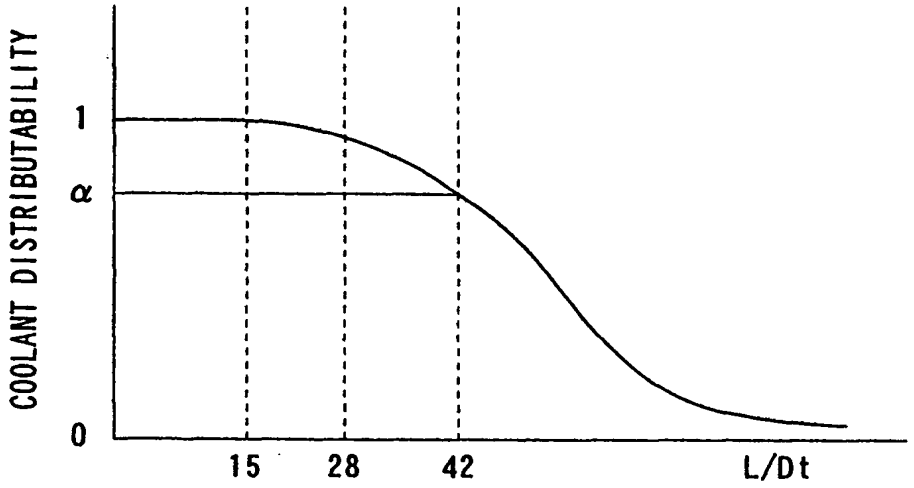


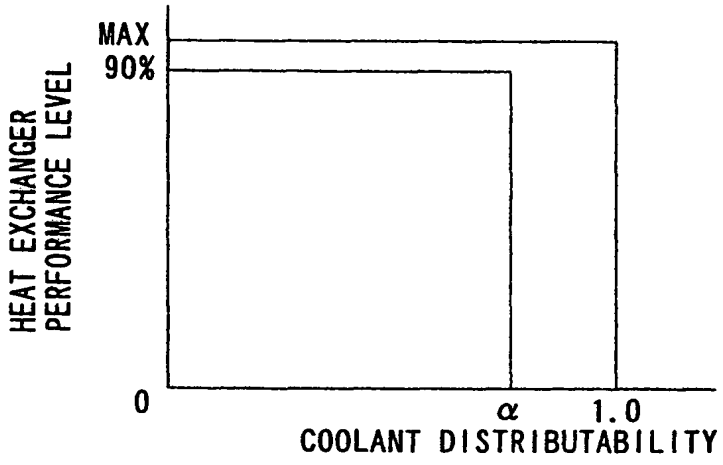
FIG. 5(a)



L=LENGTH OF LONGEST PATH RANGING FROM COOLANT ENTRANCE TO TUBE OPENING

Dt=EQUIVALENT DIAMETER AT TANK SECTION

FIG. 5(b)



COOLANT DISTRIBUTABILITY=
LOWEST TUBE FLOW RATE/HIGHEST TUBE FLOW RATE